

Appl. No. 09/307,223
Examining Group 1642

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Amendments to the Claims:

Please kindly amend the claims as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-51 (canceled)

52. (Previously presented) An isolated nucleic acid molecule encoding an ScFv antibody (ScFv Ab) having a sequence set forth in SEQ ID No 1 or a fragment thereof, wherein the ScFv Ab or fragment thereof binds to 5T4 antigen.

53. (Previously presented) The isolated nucleic acid molecule of claim 52 having a sequence set forth in SEQ ID No. 1.

54. (Previously presented) An isolated nucleic acid molecule having the nucleotide sequence set forth in SEQ ID No 5 or a fragment thereof, wherein the nucleotide sequence or fragment thereof encodes an ScFv antibody (ScFv Ab) or fragment thereof that binds to 5T4 antigen.

Claim 55-56 (canceled)

57. (Previously presented) An isolated nucleic acid molecule having the nucleotide sequence set forth in SEQ ID No 5.

Claim 58-59 (canceled)

60. (Currently amended) An isolated nucleotide sequence that is
a) capable of selectively hybridising under stringent conditions of 65°C and 0.1x SSC (wherein 1x SSC is 0.15 M NaCl, 0.015 M Na₃Citrate, pH 7.0) to the nucleotide sequence according to claim 54; or

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b) the complement of a) ~~wherein the nucleotide sequence encodes a ScFv that binds to ST4 antigen.~~

61. (Previously presented) The nucleotide sequence according to claim 54 wherein the nucleotide sequence is operably linked to a promoter.

62. (Previously presented) The nucleotide sequence according to claim 60 wherein the nucleotide sequence is operably linked to a promoter.

63. (Previously presented) An isolated construct, vector, plasmid, or host cell comprising the nucleotide sequence according to claim 54.

64. (Previously presented) An isolated construct, vector, plasmid, or host cell comprising the nucleotide sequence according to claim 60.

65. (Previously presented) An isolated construct, vector, plasmid, or host cell comprising the nucleotide sequence according to claim 61.

66. (Currently amended) A process for preparing an ScFv antibody (ScFv Ab) ~~capable of recognizing a disease associated molecule, said process~~ comprising expressing the nucleic acid molecule of claim 54 and optionally isolating and/or purifying the ScFv Ab.

Claim 67 (canceled)

68. (Previously presented) The process for preparing an ScFv antibody (ScFv Ab) according to claim 66, wherein the ScFv Ab has a sequence as set forth in SEQ ID No 1.

Claim 69-95 (canceled)